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ABSTRACT

This summary report presents data from the National Center for Education Statistics' annual survey of degrees conferred, covering associate degrees and other formal awards granted for less than four years of college-level work at postsecondary institutions for the year 1978-79. Highlighted findings include the following: (1) 515,371 students received associate degrees and other formal sub-baccalaureate degrees (a decrease of 1.7% from the previous year); (2) 404,471 of these awards were associate degrees (a decline of 2.3%); (3) 52.9% of all award recipients were women (an increase of 2.1%); (4) 85.1% of the awards were made by public institutions (a decrease of 1.2%); and (5) 31.6% of the awards were in arts and sciences programs and 68.4% in occupational curricula. The report contains four analytical tables showing number of completions at the sub-baccalaureate level and percent change by curriculum category and division for the years 1974-75 to 1978-79; awards by sex and type of award for the years 1977-78 and 1978-79; number and percent of awards by sex and type of curriculum for 1977-78 and 1978-79; and awards by length of curriculum, type of credit, type of award, and sex of recipient for 1974-75 through 1978-79. Additionally, eight detailed tables for 1978-79 present data by institutional control and type, sex of recipient, state, curriculum type, discipline division, and specialty. The survey form is appended. (HB)

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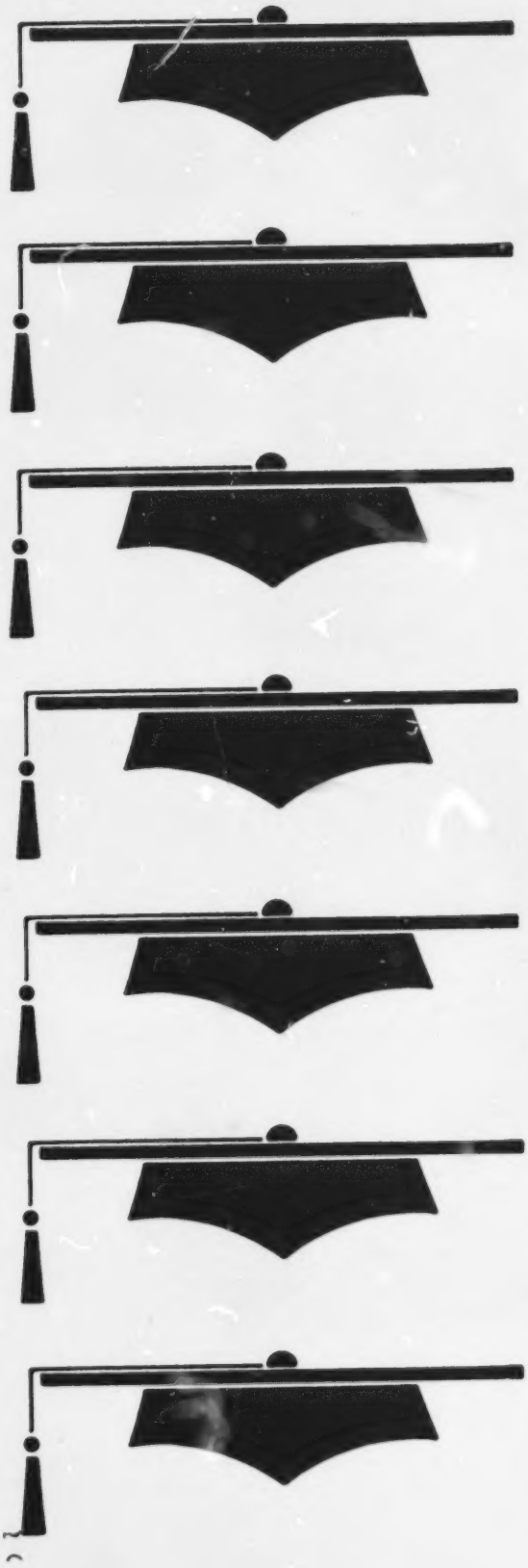
Associate Degrees and Other Formal Awards Below the Baccalaureate 1978-79



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by
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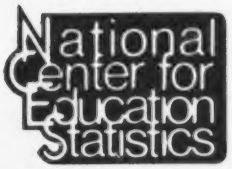

National Center for Education Statistics

"The purpose of the Center shall be to collect and disseminate statistics and other data related to education in the United States and in other nations. The Center shall . . . collect, collate, and, from time to time, report full and complete statistics on the conditions of education in the United States; conduct and publish reports on specialized analyses of the meaning and significance of such statistics; . . . and review and report on education activities in foreign countries."--Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

Foreword

This summary report presents data from the annual survey of degrees conferred sponsored by the National Center for Education Statistics. The survey covers associate degrees and other formal awards granted for less than 4 years of college-level work in institutions of higher education in the United States. The report focuses on the completion of occupational curriculums in a wide variety of technologies. Specifically, it emphasizes those curriculums normally offered in 2-year collegiate programs designed to prepare students for immediate employment in a specific occupation or cluster of occupations.

Data for the report were obtained from the survey instrument "Degrees and Other Formal Awards Conferred," July 1, 1978 to June 30, 1979. These data were part of the 14th annual HEGIS (Higher Education General Information Survey – information on baccalaureate and higher degrees is presented in a separate report, *Earned Degrees Conferred, 1978-79 Summary Data).* The tables present the data grouped by institutional control and type, sex of recipient, State, type of curriculum, discipline division, and specialty.

The cooperation of contributing college and university officials has made possible a response rate of 100 percent for 1978-79. NCES deeply appreciates the continuing efforts and interest of survey respondents and State coordinators.

Francis V. Corrigan
Acting Assistant Administrator
Division of Postsecondary and
Vocational Education Statistics

Paul Mertins, *Chief*
University and College Survey
and Studies Branch

February 1981

For More Information

Materials concerning the Center's statistical program, a catalog of NCES publications, and how to buy tapes may be obtained from the Statistical Information Office, National Center for Education Statistics, (Presidential Building), 400 Maryland Avenue SW., Washington, D.C. 20202, telephone (301) 436-7900.

Contents

Page

Foreword iii
For More Information iv
Highlights ix
Purpose of the Survey 1
Survey Organization and Methodology 1
Presentation and Comparability of Data 2
Appendix: Reproduction of Survey Form, Part C 1978-79 Instructions 25

Summary Tables

A. Number of completions at the sub-baccalaureate level and percent change, by curriculum category and division: Aggregate United States, 1974-75 to 1978-79 5

B. Associate degrees and other awards, by sex and type: Aggregate United States, 1977-78 and 1978-79 5

C. Number and percent of associate degrees and other awards conferred, by sex and type of curriculum: Aggregate United States, 1977-78 and 1978-79 6

D. Associate degrees and other awards, by length of curriculum, type of credit, type of award, and sex of student: Aggregate United States, 1974-75 to 1978-79 7

Detailed Tables

1. Associate degrees and other awards, by length of curriculum, type of credit, type of award, sex of student, and by type of curriculum, curriculum category and division: Aggregate United States, 1978-79 11

2. Associate degrees and other awards, by length of curriculum, type of credit, type of award, sex of student, type of curriculum, and curriculum category, division and specialty: Aggregate United States States, 1978-79 12

3. Associate degrees conferred, by type of credit, sex of student, and State or other area: Aggregate United States, 1978-79 14

4. Associate degrees and other awards, by type of curriculum, curriculum category and division, type of award, length of curriculum, and control and level of institution: Aggregate United States, 1978-79 15

5. Associate degrees conferred, by type of credit, sex of student, and control and level of institution: Aggregate United States, 1978-79 18

6. Associate degrees and other awards in arts and science or general programs, not organized as occupational curriculums, by length of curriculum, type of credit, type of award, sex of student, and control and level of institution: Aggregate United States, 1978-79 19

7. Associate degrees and other awards in science- or engineering-related organized occupational curriculums, by length of curriculum, type of credit, type of award, sex of student, and control and level of institution: Aggregate United States, 1978-79 20

Detailed Tables (Cont.)

8. Associate degrees and other awards in nonscience- or non-engineering-related organized occupational curriculums by length of curriculum, type of credit, type of award, sex of student, and control and level of institution: Aggregate United States, 1978-79 21

Highlights

1 At the end of the 1978-79 school year, associate degrees and other formal awards below the baccalaureate were granted to 515,371 students. This is a decrease of 1.7 percent from the 524,057 reported for the year ending 1977-78.

2 Of the 515,371 awards made, the following categories are noteworthy:

Associate Degrees:

a 407,471 associate degrees were awarded this year compared to 416,947 in 1977-78, a decrease of 2.3 percent.

b For work wholly or chiefly creditable toward a bachelor's degree: 282,119 associate degrees were granted in 1978-79, and 287,724 were granted in 1977-78, a decrease of 1.9 percent.

c For work not wholly or chiefly creditable toward a bachelor's degree: 125,352 associate degrees were awarded in 1978-79 and 129, 223 were awarded in 1977-78, a 3.0 percent decrease.

Other Formal Awards:

a There were 107,900 other formal awards granted in 1978-79 and 107,110 in 1977-78, an increase of 0.7 percent.

b In curriculums of 2 but less than 4 years: 31,322 other formal awards were given in 1978-79 and 32,071 in 1977-78, a decrease of 2.3 percent.

c In curriculums of at least 1 year but less than 2: 76,578 certificates were awarded in 1978-79 and 75,039 were awarded in 1977-78. This is an increase of 2.0 percent, the only increase noted.

3 Percent of recipients in all curriculums, by sex:

a Men: 47.1 percent in 1978-79 and 49.2 percent in 1977-78, a decrease of 2.1 percent.

b Women: 52.9 percent in 1978-79 and 50.8 percent in 1977-78, an increase of 2.1 percent.

4 Completions by control of institution:

a Public: 85.1 percent in 1978-79 and 86.3 percent in 1977-78.

b Private: 14.9 percent in 1978-79 and 13.7 percent in 1977-78. The public sector dropped while the private sector rose. In 1978-79 the increase was 1.2 percent and in 1977-78 the increase was 1.0 percent.

5 Percent of completions by curriculums:

a In 1978-79, 31.6 percent of all awards were in the arts and science general programs not organized as occupational curriculums as compared to 32.8 percent in 1977-78.

b The remaining awards, 68.4 percent, were in curriculums organized as occupational. This was an increase of 1.2 percent over 1977-78 numbers.

6 The largest percent of associate degrees and other formal awards within each division, by specialty for 1978-79 were:

a Data Processing Technologies
Data Processing
General . . . . . 52.0 percent

b Health Services Paramedical
Nursing RN . . . 39.9 percent

c Mechanical Engineering
Technologies
Electronics and
Machines . . . . . 20.5 percent

d Natural Science Technologies
Agriculture
Technologies . . 44.3 percent

e Business and Commerce
Secretarial
Technologies . . 28.2 percent

f Public Services Related
Technologies
Police Law
Enforcement and
Corrections . . . 42.3 percent

Purpose of the Survey

The purpose of this survey is to maintain a national source of information on the supply of trained manpower being developed in a variety of organized occupational curriculums. The information is needed for manpower planning at local, State, regional, and Federal levels.

By maintaining the same fields of study as in previous years, this publication provides data for studies of trends in numbers of associate degrees and other awards below the baccalaureate, by sex, geographic area, and type of institution within these fields of study.

Survey Organization and Methodology

Survey Universe

The reporting units included here constitute all those in the National Center for Education Statistics' universe that could be determined as offering programs requiring at least 2 years of college-level work, but less than 4 years, during the period July 1, 1978 to June 30, 1979. The survey universe for 1978-79 is based on the *Education Directory: Colleges and Universities, 1977-78* with such changes as were known to NCES in fall 1978.

Major Classifications of Data

Degrees and Awards

The survey requests data for higher education degrees and awards below the baccalaureate, defined as follows:

Associate Degree – Requires successful completion of at least 2 but less than 4 years of work beyond secondary school. The survey instrument distinguishes between associate-degree curriculums representing work wholly or chiefly creditable toward a bachelor's degree and those representing work not wholly or chiefly so creditable.

Other Formal Award – Requires completion of at least 1 year of work beyond secondary school. In the survey instrument, data are collected separately for those awards for curriculums of 2 but less than 4 years and those for curriculums of at least 1 but less than 2 years.

Type of Control

Reporting units were identified as "public" or "private," according to their classification in the *Education Directory: Colleges and Universities, 1977-78.*

Types of Institutions

Selected tables in this report identify reporting units in three categories: "universities," "other 4-year institutions," and "2-year institutions." Reporting units are classified as universities when they give considerable stress to graduate instruction, confer advanced as well as bachelor's degrees in a variety of liberal arts fields, and have at least two professional schools that are not exclusively technological. Other reporting units offering 4 or more years of college-level work, but not meeting the criteria for classification as universities, make up the "other 4-year" category. Reporting units that offer at least 2 years of college-level work but less than 4 years are classified as "2-year institutions."

Curriculum Category and Division

This report identifies three curriculum categories:

1. Arts and science or general programs not organized as occupational curriculums.

2. Science-related or engineering-related organized occupational curriculums. This category consists of four divisions:

   a. data-processing technologies
   b. health services and paramedical technologies
   c. mechanical and engineering technologies
   d. natural-science technologies

3. Non-science- and non-engineering-related or organized occupational curriculums. This category consists of two divisions:

   a. business and commerce technologies
   b. public service-related technologies

Discipline Specialty (major field of study)

The classification of discipline specialties relies on *A Taxonomy of Instructional Programs in Higher Education,** which was adopted by HEGIS in 1970 and provides comparability of data on a continuing basis.

Data Collection

A copy of the survey form, together with instructions and definitions (see appendix), was addressed to the president of each reporting unit listed in the survey universe or, in more than one-half of the States, to a State coordinator for each survey. The latter supplied the data from information submitted by the reporting units, or coordinated the data collection with all or selected reporting units in the State. Follow-up letters and phone calls went to State coordinators or institutional officials whose data were not received within a reasonable period after the due date of August 15 in each survey year.

Data Verification

Three methods were used to verify the reasonableness of data submitted by each reporting unit:

1. A computer check was made for field-by-field comparison with the data submitted for the previous year. This procedure helped determine whether the data varied by more than a predetermined percentage from the previous year's submission. The acceptable variance was based on the order of magnitude of the data field size: the greater the number of degrees, the lower the percentage of variance accepted.

2. Survey forms containing data items rejected by the computer check were examined visually by survey personnel to determine whether footnotes, explanatory notes, or readily recognizable human errors accounted for the apparent discrepancies. Where necessary, catalogs of the institutions were consulted for institutional offerings.

3. The remaining discrepancies were resolved by correspondence or telephone contact with State coordinators and institutional representatives.

Internal checks for consistency included the checking of accumulated totals against subtotals obtained from appropriate subsets of the data.

*Robert A. Huff and Majorie O. Chandler, *A Taxonomy of Instructional Programs in Higher Education (OE 50064-70)*, U.S. Department of Health, Education, and Welfare, Office of Education, National Center for Education Statistics. (Washington: U.S. Government Printing Office, 1970.)

Presentation and Comparability of Data

This report contains two analytical tables showing percent changes between the years 1974-75 through 1978-79 by type of program; and two tables showing percent changes between the years 1977-78 and 1978-79, by men and women who received degrees, by type of curriculum.

There are also eight basic tables for the 1978-79 data. These tables are comparable with previous reports.

Summary Tables
1978-79

Table A.—Number of completions at the sub-baccalaureate level and percent change, by curriculum category and division: Aggregate United States, 1974-75 to 1978-79

Curriculum category and division	1974-75	1975-76	1976-77	1977-78	1978-79	Percent change from 1977-78	Percent change from 1974-75
1	2	3	4	5	6	7	8
Arts and sciences or general programs	171,371	180,877	176,455	172,019	162,663	-5.4	-5.1
Science or engineering-related	158,956	178,842	186,379	194,270	193,507	-0.4	21.7
Data processing technologies	7,886	8,452	9,360	10,830	12,454	15.0	57.9
Health services technologies	76,720	83,544	88,021	90,575	90,022	-0.6	17.3
Mechanical and engineering technologies	56,303	63,320	68,106	71,617	71,288	-0.5	26.6
Natural science technologies	18,047	19,526	20,892	21,248	19,743	-7.1	9.4
Non-science and non-engineering-related	118,205	138,172	148,130	157,768	159,201	0.9	34.7
Business and commerce technologies	82,987	96,812	105,748	115,851	121,261	4.7	46.1
Public-service-related technologies	35,218	41,360	42,382	41,917	37,940	-9.5	7.7

Table B.—Associate degrees and other awards, by sex and type: Aggregate United States, 1977-78 and 1978-79

Type of degree	Year	Number			Percent	
		Total	Men	Women	Men	Women
1	2	3	4	5	6	7
All awards	1977-78	524,057	257,551	266,506	49.2	50.8
	1978-79	515,371	242,758	272,613	47.1	52.9
Associate degrees wholly or chiefly creditable	1977-78	287,724	141,955	145,769	49.3	50.7
	1978-79	282,119	132,725	149,394	47.0	53.0
Associate degrees not wholly or chiefly creditable	1977-78	129,223	64,811	64,412	50.1	49.9
	1978-79	125,352	60,971	64,381	48.6	51.4
Other formal awards	1977-78	32,071	18,799	13,272	58.6	41.4
	1978-79	31,322	17,209	14,113	54.9	45.1
Curriculums of 1 year but less than 2	1977-78	75,039	31,986	43,053	42.6	57.4
	1978-79	76,578	31,853	44,725	41.6	58.4

Table C.—Number and percent of associate degrees and other awards conferred, by sex and type of curriculum: Aggregate United States, 1977-78 and 1978-79

Type of curriculum	Year	Number		Percent	
		Men	Women	Men	Women
1	2	3	4	5	6
Arts and sciences or general programs	1977-78	86,766	85,253	50.4	49.6
	1978-79	79,117	83,546	48.6	51.4
Science- or engineering-related	1977-78	98,662	95,608	50.8	49.2
	1978-79	96,906	96,601	50.1	49.9
Data processing technologies	1977-78	6,190	4,640	57.2	42.8
	1978-79	6,573	5,881	52.8	47.2
Health services technologies	1977-78	11,262	79,313	12.4	87.6
	1978-79	11,150	78,872	12.4	87.6
Mechanical and engineering technologies	1977-78	67,962	3,655	94.9	5.1
	1978-79	66,998	4,290	94.0	6.0
Natural science technologies	1977-78	13,248	8,000	62.4	37.6
	1978-79	12,185	7,558	61.7	38.3
Nonscience- and non-engineering-related	1977-78	72,123	85,645	45.7	54.3
	1978-79	66,735	92,466	41.9	58.1
Business and commerce technologies	1977-78	48,568	67,283	41.9	58.1
	1978-79	46,652	74,609	38.5	61.5
Public service-related technologies	1977-78	23,555	18,362	56.2	43.8
	1978-79	20,083	17,857	52.9	47.1

TABLE D.--ASSOCIATE DEGREES AND OTHER AWARDS BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, AND SEX OF STUDENT, AGGREGATE UNITED STATES, 1974-75 TO 1978-79

CONTROL OF INSTITUTION, DISCIPLINE DIVISION, AND SEX OF STUDENT	1974-75	1975-76		1976-77		1977-78		1978-79		PERCENT CHANGE FROM 1974-75 TO 1978-79
	NUMBER	NUMBER	PERCENT CHANGE FROM 1974-75	NUMBER	PERCENT CHANGE FROM 1975-76	NUMBER	PERCENT CHANGE FROM 1976-77	NUMBER	PERCENT CHANGE FROM 1977-78	
1	2	3	4	5	6	7	8	9	10	11
ALL INSTITUTIONS	448,532	493,891	10.1	510,984	3.5	524,057	2.6	515,371	-1.7	14.9
AGGREGATE U.S.	448,532	493,891	10.1	510,984	3.5	524,057	2.6	515,371	-1.7	14.9
THE STATES AND D.C.	445,344	489,863	10.0	507,281	3.6	519,132	2.3	506,690	-2.4	13.8
CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										
WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE										
TOTAL	272,602	289,812	6.3	291,750	.7	295,261	1.2	290,841	-1.5	6.7
MEN	143,479	153,840	7.2	149,757	-2.7	145,097	-3.1	136,460	-6.0	-4.9
WOMEN	129,123	135,972	5.3	141,993	4.4	150,164	5.8	154,381	2.8	19.6
ASSOCIATE DEGREES										
TOTAL	264,335	281,570	6.5	284,488	1.0	287,724	1.1	282,119	-1.9	6.7
MEN	139,514	149,816	7.4	146,293	-2.4	141,955	-3.0	132,725	-6.5	-4.9
WOMEN	124,821	131,754	5.6	138,195	4.9	145,769	5.5	149,394	2.5	19.7
OTHER FORMAL RECOGNITION										
TOTAL	8,267	8,242	-.3	7,262	-11.9	7,537	3.8	8,722	15.7	5.5
MEN	3,965	4,024	1.5	3,464	-13.9	3,142	-9.3	3,735	18.9	-5.8
WOMEN	4,302	4,218	-2.0	3,798	-10.0	4,395	15.7	4,987	13.5	15.9
WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE										
TOTAL	115,520	132,774	14.9	148,430	11.8	153,757	3.6	147,952	-3.8	28.1
MEN	63,388	73,643	16.2	80,774	9.7	80,468	-.4	74,445	-7.5	17.4
WOMEN	52,132	59,131	13.4	67,656	14.4	73,289	8.3	73,507	.3	41.0
ASSOCIATE DEGREES										
TOTAL	98,434	113,823	15.6	125,454	10.2	129,223	3.0	125,352	-3.0	27.4
MEN	52,341	61,514	17.5	65,827	7.0	64,811	-1.5	60,971	-5.9	16.5
WOMEN	46,293	52,309	13.0	59,627	14.0	64,412	8.0	64,381	.0	39.1
OTHER FORMAL RECOGNITION										
TOTAL	16,886	18,951	12.2	22,976	21.2	24,534	6.8	22,600	-7.9	33.8
MEN	11,047	12,129	9.8	14,947	23.2	15,657	4.8	13,474	-13.9	22.0
WOMEN	5,839	6,822	16.8	8,029	17.7	8,877	10.6	9,126	2.8	56.3
CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS										
TOTAL	60,410	71,305	18.0	70,784	-.7	75,039	6.0	76,578	2.1	26.8
MEN	26,214	31,932	21.8	30,452	-4.6	31,986	5.0	31,853	-.4	21.5
WOMEN	34,196	39,373	15.1	40,332	2.4	43,053	6.7	44,725	3.9	30.8

Detailed Tables
1978-79

TABLE 1.--ASSOCIATE DEGREES AND OTHER AWARDS, BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, AND BY TYPE OF CURRICULUM, CURRICULUM CATEGORY AND DIVISION: AGGREGATE UNITED STATES, 1978-79

CURRICULUM DIVISION	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	MEN	WOMEN
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL CURRICULUMS, TOTAL	290,841	132,735	149,394	3,735	4,987	147,952	60,971	64,301	13,479	9,126	76,578	31,853	44,725
ARTS AND SCIENCE OR GENERAL PROGRAMS.	150,746	75,068	79,301	680	657	4,415	2,191	2,138	41	45	2,502	1,137	1,365
OCCUPATIONAL CURRICULUMS, TOTAL . . .	133,095	57,657	70,053	3,055	4,330	143,537	58,780	62,243	13,433	9,081	74,076	30,716	43,360
SCIENCE/ENGINEERING-RELATED . . .	64,336	27,891	33,615	1,387	1,443	79,463	32,612	32,601	9,357	4,893	49,708	25,659	24,049
5100 DATA PROCESSING TECHNOLOGIES .	5,006	2,822	1,863	143	178	5,827	2,817	2,373	249	388	1,621	542	1,079
5200 HEALTH SERVICES/PARAMEDICAL. .	33,708	4,272	28,187	158	1,091	34,500	3,784	26,154	843	3,669	21,814	2,253	19,761
5300 MECHANICAL/ENGINEERING TECH. .	19,272	17,744	1,085	879	65	30,643	21,074	1,488	7,637	444	21,373	20,165	1,208
5400 NATURAL SCIENCE TECHNOLOGIES .	6,350	3,053	2,480	208	109	8,493	4,937	2,576	528	392	4,900	2,899	2,001
NONSCIENCE/NONENGINEERING-RELATED	70,759	29,766	36,439	1,668	2,887	64,074	26,168	29,642	4,076	4,188	24,368	5,057	19,311
5000 BUSINESS AND COMMERCE.	52,761	21,455	28,574	635	2,097	47,453	17,639	22,919	3,400	3,495	21,047	3,523	17,524
5500 PUBLIC SERVICE-RELATED TECH. .	17,998	8,311	7,864	1,033	790	16,621	8,529	6,723	676	693	3,321	1,534	1,787

TABLE 2.--ASSOCIATE DEGREES AND OTHER AWARDS, BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, TYPE OF CURRICULUM, AND CURRICULUM CATEGORY, DIVISION AND SPECIALTY: AGGREGATE UNITED STATES, 1978-79

CURRICULUM DIVISION AND SPECIALTY	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	MEN	WOMEN
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL CURRICULUMS, TOTAL	280,841	132,725	149,394	3,715	4,987	147,952	60,971	64,381	13,474	9,126	76,578	31,353	44,725
ARTS AND SCIENCE OR GENERAL PROGRAMS	155,746	75,068	79,341	680	657	4,415	2,191	2,138	41	45	2,502	1,137	1,365
OCCUPATIONAL CURRICULUMS, TOTAL	136,095	57,657	70,053	3,055	4,330	143,537	58,780	62,243	13,433	9,081	74,076	30,716	43,360
SCIENCE/ENGINEERING-RELATED	64,336	27,891	33,615	1,387	1,443	79,463	32,612	32,601	9,357	4,893	49,708	25,659	24,049
5100 DATA PROCESSING TECHNOLOGIES	5,006	2,822	1,863	143	178	5,827	2,817	2,373	249	388	1,621	542	1,079
5101 DATA PROCESSING, GENERAL	2,958	1,639	1,178	71	70	3,016	1,463	1,346	116	91	502	209	293
5102 KEY PUNCH OPERATOR/INPUT PREP.	62	17	29	1	15	168	-	-	5	163	313	14	299
5103 COMPUTER PROGRAMMER	1,511	823	611	34	43	2,286	1,176	963	70	77	325	162	163
5104 COMPUTER OP/PERIPHERAL EQUIP.	320	211	35	37	36	155	38	38	22	57	452	147	305
5105 D.P. EQUIPMENT MAINTENANCE	127	115	9	-	4	172	124	12	36	-	29	10	19
5199 OTHER	28	17	1	-	10	30	16	14	-	-	-	-	-
5200 HEALTH SERVICES/PARAMEDICAL	33,708	4,272	28,187	158	1,091	34,500	3,794	26,164	883	3,669	21,814	2,053	19,761
5201 HEALTH SERVICES ASST., GENERAL	853	254	445	26	128	1,530	228	528	339	435	1,786	709	1,077
5202 DENTAL ASSISTANT	682	20	513	1	148	798	12	433	11	342	2,270	5	2,265
5203 DENTAL HYGIENE	2,299	18	1,969	5	307	1,719	21	1,569	1	128	83	1	82
5204 DENTAL LABORATORY	229	132	83	11	3	512	265	211	21	15	58	40	18
5205 MEDICAL/BIOLOGICAL LAB ASST.	1,945	376	1,493	14	72	1,786	228	1,488	10	60	270	32	238
5206 ANIMAL LABORATORY ASSISTANT	640	57	542	4	37	636	50	584	-	2	25	3	22
5207 RADIOLOGIC TECHNOLOGIES	1,851	585	1,238	8	20	2,124	571	1,361	50	142	153	40	113
5208 NURSING, R.N.	19,291	1,389	17,848	1	53	16,357	1,140	14,815	24	358	291	19	272
5209 NURSING, PRACTICAL	926	63	515	6	242	2,045	52	808	63	1,122	12,070	446	11,624
5210 OCCUPATIONAL THERAPY	407	26	381	-	-	474	19	237	80	138	57	3	54
5211 SURGICAL TECHNOLOGIES	86	16	42	3	25	170	25	67	8	70	861	90	771
5212 OPTICAL TECHNOLOGIES	369	236	133	-	-	317	110	174	5	28	191	94	97
5213 MEDICAL RECORD TECHNOLOGIES	358	7	330	-	21	735	20	641	3	71	132	2	130
5214 MEDICAL/MEDICAL OFFICE ASST.	976	80	893	1	22	1,485	64	967	29	425	2,083	66	2,017
5215 INHALATION THERAPY	1,048	446	592	3	7	1,359	465	713	55	116	856	230	626
5216 PSYCHIATRIC TECHNOLOGIES	866	170	691	4	1	1,265	231	867	64	123	194	49	145
5217 ELECTRO DIAGNOSTIC TECH.	27	17	10	-	-	73	12	37	5	19	33	6	27
5218 INSTITUTIONAL MANAGEMENT	87	50	33	1	3	66	18	42	1	5	61	24	37
5219 PHYSICAL THERAPY TECH.	394	61	333	-	-	559	39	490	-	30	27	7	20
5299 OTHER	474	289	113	10	12	490	196	152	104	40	343	207	136
5300 MECHANICAL/ENGINEERING TECH.	19,272	17,244	1,085	878	65	30,643	27,079	1,488	1,637	444	23,373	20,165	1,208
5301 MECHANICAL/ENGINEERING, GEN.	2,331	2,155	111	59	6	2,976	2,107	206	183	10	848	619	29
5302 AERONAUTICAL AND AVIATION	1,817	1,666	77	73	1	1,761	1,055	73	302	21	611	585	26
5303 ENGINEERING GRAPHICS	964	817	129	14	4	1,847	1,250	265	234	78	917	760	157
5304 ARCHITECTURAL DRAFTING	1,054	859	144	39	12	1,555	1,167	255	130	43	362	267	95
5305 CHEMICAL TECHNOLOGIES	384	261	117	5	1	329	200	107	18	4	46	17	29
5306 AUTOMOTIVE TECHNOLOGIES	1,119	1,037	14	66	2	3,885	2,355	50	1,456	24	4,342	4,215	127
5307 DIESEL TECHNOLOGIES	231	219	2	10	-	1,198	463	4	731	-	880	73	7
5308 WELDING TECHNOLOGIES	199	161	2	36	-	1,000	527	10	454	9	2,664	2,555	109
5309 CIVIL TECHNOLOGIES	1,005	926	56	20	3	1,052	971	61	15	5	147	127	20
5310 ELECTRONICS AND MACHINE	4,948	4,398	166	370	14	7,294	5,186	198	1,837	73	2,371	2,166	205
5311 ELECTROMECHANICAL TECH.	992	831	21	37	3	1,127	1,014	32	77	4	256	242	14
5312 INDUSTRIAL TECHNOLOGIES	759	690	54	15	-	1,095	953	50	82	-	1,940	1,823	117
5313 TEXTILE TECHNOLOGIES	118	17	90	-	11	232	77	34	20	101	114	88	26
5314 INSTRUMENTATION TECH.	248	242	6	-	-	241	221	6	13	1	211	190	21
5315 MECHANICAL TECHNOLOGIES	1,150	1,057	49	41	3	1,424	1,024	33	365	2	1,108	1,036	72
5316 NUCLEAR TECHNOLOGIES	22	22	-	-	-	96	84	12	-	-	10	10	-
5317 CONSTRUCTION AND BUILDING	1,815	1,696	30	85	4	3,611	2,086	55	1,454	16	4,661	4,589	77
5399 OTHER	216	190	17	8	1	650	314	37	246	53	485	408	77
5400 NATURAL SCIENCE TECHNOLOGIES	6,350	3,553	2,480	208	109	8,493	4,937	2,576	588	392	4,900	2,899	2,001
5401 NATURAL SCIENCES, GENERAL	807	521	286	-	-	327	184	125	7	11	266	246	20
5402 AGRICULTURE TECHNOLOGIES	2,701	1,506	941	190	64	3,388	2,109	841	348	90	2,659	1,743	916
5403 FORESTRY AND WILDLIFE TECH.	523	420	102	1	-	1,146	413	196	28	9	139	129	10
5404 FOOD SERVICES TECHNOLOGIES	1,202	670	513	10	9	1,830	1,094	500	125	111	757	435	322
5405 HOME ECONOMICS TECHNOLOGIES	457	10	412	-	35	932	38	755	7	132	692	48	644
5406 MARINE AND OCEANOGRAPHIC TECH.	147	119	25	2	1	793	226	39	26	2	147	112	35
5407 LABORATORY TECH., GENERAL	224	86	135	-	-	59	23	36	-	-	1	1	-
5408 SANITATION/PUB HEALTH INSPECTION	219	174	43	2	-	249	186	46	15	2	152	120	32
5499 OTHER	70	47	20	3	-	269	164	38	32	35	97	55	22

TABLE 2.--ASSOCIATE DEGREES AND OTHER AWARDS, BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, TYPE OF CURRICULUM, AND CURRICULUM CATEGORY, DIVISION AND SPECIALTY: AGGREGATE UNITED STATES, 1978-79--CONTINUED

CURRICULUM DIVISION AND SPECIALTY	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	MEN	WOMEN
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NONSCIENCE/NONENGINEERING-RELATED	70,759	29,766	36,439	1,668	2,887	69,074	26,168	29,642	4,076	9,198	24,368	5,057	19,311
5000 BUSINESS AND COMMERCE.	52,761	21,455	28,574	635	2,097	47,453	17,639	22,919	3,400	3,495	21,047	3,523	17,524
5001 BUSINESS AND COMMERCE, GEN. . . .	12,787	7,620	4,680	222	265	9,035	5,437	3,086	299	213	1,692	770	922
5002 ACCOUNTING TECHNOLOGIES.	6,537	2,844	3,400	114	179	6,063	2,202	3,352	148	361	1,720	395	1,325
5003 BANKING AND FINANCE.	456	243	190	10	13	630	326	257	14	33	246	69	177
5004 MARKET/DIST/PUR/BUS/INDUS MGT. .	13,127	7,151	5,755	138	83	12,776	6,322	3,560	2,555	339	2,060	943	1,117
5008 SECRETARIAL TECHNOLOGIES	12,375	55	11,071	6	1,293	11,431	143	9,375	19	1,894	10,386	86	10,300
5006 PERSONAL SERVICE TECH.	151	4	145	-	2	758	48	316	51	343	2,531	304	2,227
5007 PHOTOGRAPHY TECHNOLOGIES	343	239	76	6	2	516	319	152	30	15	99	62	37
5008 COMMUNICATIONS & BROADCASTING. .	1,175	766	401	7	1	801	494	257	32	28	111	72	39
5009 PRINTING AND LITHOGRAPHY	370	292	72	5	1	399	203	66	82	48	249	143	106
5010 HOTEL & RESTAURANT MANAGEMENT. .	1,087	696	345	33	13	1,141	750	326	36	29	198	110	88
5011 TRANSPORTATION & PUBLIC UTIL. . .	597	459	122	12	4	388	295	88	11	4	556	330	226
5012 APPLIED, GRAPHIC, & FINE ARTS. .	3,196	984	1,957	67	188	2,938	839	1,819	106	174	1,016	154	862
5099 OTHER.	560	92	340	15	93	577	281	265	17	14	133	35	98
5500 PUBLIC SERVICE-RELATED TECH. .	17,998	8,311	7,864	1,033	790	16,621	8,529	6,723	676	693	3,321	1,534	1,787
5501 PUBLIC SERVICE, GENERAL.	1,367	288	1,028	5	46	1,043	304	712	8	19	203	38	165
5502 BIBLE STUDY/RELIGION-RELATED . .	1,698	320	196	782	400	204	1	2	103	98	111	46	65
5503 EDUCATION TECHNOLOGIES	3,336	466	2,686	5	179	2,841	371	2,076	30	364	801	19	782
5504 LIBRARY ASSISTANT TECHNOLOGIES .	191	46	135	-	7	376	69	249	2	56	108	9	99
5505 POLICE, LAW EN., CORRECTIONS . .	7,915	5,753	1,952	150	60	7,047	5,078	1,609	311	49	1,077	902	175
5506 REC/SOC. WORK REL. TECH.	1,938	513	1,402	7	16	2,155	708	1,383	16	48	276	87	189
5507 FIRE CONTROL TECHNOLOGIES. . . .	785	722	5	57	1	1,699	1,534	23	135	7	291	284	7
5508 PUB. ADM. & MGT. TECH.	296	143	124	15	14	943	328	447	46	22	142	107	35
5599 OTHER.	472	60	333	12	67	713	136	522	25	30	232	42	190

TABLE 3.--ASSOCIATE DEGREES CONFERRED BY TYPE OF CREDIT, SEX OF STUDENT, AND STATE OR OTHER AREA: AGGREGATE UNITED STATES, 1978-79

STATE OR OTHER AREA	ALL ASSOCIATE DEGREES			WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE			WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE		
	TOTAL	MEN	WOMEN	TOTAL	MEN	WOMEN	TOTAL	MEN	WOMEN
1	2	3	4	5	6	7	8	9	10
AGGREGATE U.S.	407,471	193,696	213,775	282,119	132,725	149,394	125,352	60,971	64,381
THE STATES AND D.C.	402,702	192,091	210,611	277,525	131,209	146,316	125,177	60,882	64,295
ALABAMA	4,954	2,328	2,626	3,279	1,517	1,762	1,675	811	864
ALASKA	388	198	190	388	198	190	-	-	-
ARIZONA	5,357	2,950	2,407	3,109	1,744	1,365	2,248	1,206	1,042
ARKANSAS	1,599	653	946	1,242	460	782	357	193	164
CALIFORNIA	60,057	28,718	31,339	42,088	20,318	21,770	17,969	8,400	9,569
COLORADO	4,652	2,743	1,999	2,124	1,246	878	2,528	1,507	1,021
CONNECTICUT	5,329	2,357	2,972	3,102	1,256	1,846	2,227	1,101	1,126
DELAWARE	1,351	512	839	1,247	512	735	104	-	104
DISTRICT OF COLUMBIA	695	338	357	684	327	357	11	11	-
FLORIDA	29,925	14,165	15,760	22,957	11,461	11,496	6,968	2,704	4,264
GEORGIA	5,930	2,786	3,144	4,658	2,248	2,410	1,272	538	734
HAWAII	2,325	1,326	999	1,022	546	476	1,303	780	523
IDAHO	1,818	644	1,174	1,577	486	1,091	241	158	83
ILLINOIS	20,100	9,472	10,628	12,059	5,870	6,189	8,041	3,602	4,439
INDIANA	5,291	2,502	2,789	3,494	1,367	2,127	1,797	1,135	662
IOWA	4,740	2,428	2,312	2,616	1,384	1,232	2,124	1,044	1,080
KANSAS	4,480	2,158	2,322	3,876	1,907	1,969	604	251	353
KENTUCKY	4,539	1,927	2,612	3,976	1,500	2,476	563	427	136
LOUISIANA	1,851	890	961	1,010	383	627	841	507	334
MAINE	1,758	773	985	1,349	523	826	409	250	159
MARYLAND	7,223	2,981	4,242	7,223	2,981	4,242	-	-	-
MASSACHUSETTS	15,180	6,232	8,948	10,169	4,629	5,540	4,991	1,603	3,388
MICHIGAN	18,574	8,798	9,776	12,818	6,298	6,520	5,756	2,500	3,256
MINNESOTA	5,740	2,168	3,572	4,206	1,736	2,470	1,534	432	1,102
MISSISSIPPI	4,039	1,634	2,405	2,806	1,148	1,658	1,233	486	747
MISSOURI	6,677	3,213	3,464	4,539	2,279	2,260	2,138	934	1,204
MONTANA	464	222	242	403	204	199	61	18	43
NEBRASKA	2,149	1,276	872	1,179	511	668	969	765	204
NEVADA	716	441	275	312	144	168	404	297	107
NEW HAMPSHIRE	1,642	780	862	1,088	446	642	554	334	220
NEW JERSEY	9,619	4,028	5,591	5,389	2,411	2,978	4,230	1,617	2,613
NEW MEXICO	1,259	602	657	1,222	568	654	37	34	3
NEW YORK	48,140	22,688	25,452	45,479	21,267	24,212	2,661	1,421	1,240
NORTH CAROLINA	11,068	5,575	5,513	3,524	1,767	1,757	7,544	3,808	3,736
NORTH DAKOTA	1,716	913	803	1,474	765	709	242	148	94
OHIO	14,311	6,652	7,659	9,992	4,460	5,532	4,319	2,192	2,127
OKLAHOMA	3,795	1,895	1,900	2,007	966	1,041	1,788	929	859
OREGON	4,180	2,209	1,971	1,399	665	734	2,781	1,544	1,237
PENNSYLVANIA	13,073	5,786	7,287	8,494	3,511	4,983	4,579	2,275	2,304
RHODE ISLAND	2,782	1,478	1,304	2,782	1,478	1,304	-	-	-
SOUTH CAROLINA	5,673	2,849	2,824	1,819	743	1,076	3,854	2,106	1,748
SOUTH DAKOTA	1,214	580	634	1,214	580	634	-	-	-
TENNESSEE	5,627	2,623	3,004	3,794	1,557	2,242	1,833	1,071	762
TEXAS	17,364	8,960	8,404	9,338	4,408	4,930	8,026	4,552	3,474
UTAH	2,190	976	1,214	1,877	764	1,113	313	211	102
VERMONT	1,186	403	783	1,176	403	773	10	-	10
VIRGINIA	6,675	3,159	3,516	2,753	1,231	1,522	3,922	1,928	1,994
WASHINGTON	10,095	4,986	5,109	5,474	2,646	2,828	4,621	2,340	2,281
WEST VIRGINIA	2,104	841	1,263	1,449	573	876	655	268	387
WISCONSIN	7,097	3,634	3,463	2,318	1,305	1,013	4,779	2,329	2,450
WYOMING	859	388	471	618	273	345	241	115	126
U.S. SERVICE SCHOOLS	3,333	3,244	89	3,333	3,244	89	-	-	-
OUTLYING AREAS	4,769	1,605	3,164	4,594	1,516	3,078	175	89	86
AMERICAN SAMOA	51	23	28	51	23	28	-	-	-
CANAL ZONE	106	34	72	106	34	72	-	-	-
GUAM	60	13	47	60	13	47	-	-	-
PUERTO RICO	4,413	1,463	2,950	4,263	1,378	2,885	150	85	65
TRUST TERR PAC IS	105	64	41	84	60	24	21	4	17
VIRGIN ISLANDS	34	8	26	30	8	22	4	-	4

TABLE 4.--ASSOCIATE DEGREES AND OTHER AWARDS, BY TYPE OF CURRICULUM, CURRICULUM CATEGORY AND DIVISION, TYPE OF AWARD, LENGTH OF CURRICULUM, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79

CONTROL AND LEVEL OF INSTITUTION	ALL CURRICULUMS	ARTS AND SCIENCE OR GENERAL PROGRAMS	TOTAL	OCCUPATIONAL CURRICULUMS							
				SCIENCE- OR ENGINEERING-RELATED					NONSCIENCE- AND NON-ENGINEERING-RELATED		
				TOTAL	DATA PROCESSING 5100	HEALTH SERVICES 5200	MECHANICAL 5300	NATURAL SCIENCE 5400	TOTAL	BUSINESS AND COMMERCE 5000	PUBLIC SERVICE 5500
1	2	3	4	5	6	7	8	9	10	11	12
A. ASSOCIATE DEGREES FOR CURRICULUMS OF AT LEAST 2 YEARS BUT LESS THAN 4 YEARS											
ALL INSTITUTIONS	407,471	158,738	248,733	126,719	9,875	62,407	40,891	13,545	122,014	90,587	31,427
4-YEAR INSTITUTIONS . . .	55,515	13,177	42,338	23,985	988	13,341	7,255	2,401	18,353	14,178	4,175
UNIVERSITIES.	11,122	3,139	7,983	4,936	244	2,461	1,271	960	3,047	2,041	1,006
OTHER 4-YEAR.	44,393	10,038	34,355	19,049	744	10,880	5,984	1,441	15,306	12,137	3,169
2-YEAR INSTITUTIONS . . .	351,956	145,561	206,395	102,734	8,887	49,066	33,636	11,145	103,661	76,409	27,252
PUBLICLY CONTROLLED.	349,297	142,388	206,909	111,521	8,452	54,604	36,949	11,516	95,388	67,124	28,264
4-YEAR INSTITUTIONS . . .	30,186	6,582	23,604	14,894	670	8,551	4,155	1,518	8,710	6,405	2,305
UNIVERSITIES.	8,956	2,425	6,531	4,120	205	1,762	1,198	955	2,411	1,627	784
OTHER 4-YEAR.	21,230	4,157	17,073	10,774	465	6,789	2,957	563	6,299	4,778	1,521
2-YEAR INSTITUTIONS . . .	319,111	135,806	183,305	96,627	7,782	46,053	32,794	9,998	86,678	60,719	25,959
PRIVATELY CONTROLLED	58,174	16,350	41,824	15,198	1,423	7,803	3,942	2,030	26,626	23,463	3,163
4-YEAR INSTITUTIONS . . .	25,329	6,595	18,734	9,091	318	4,790	3,100	883	9,643	7,773	1,870
UNIVERSITIES.	2,166	714	1,452	816	39	699	73	5	636	414	222
OTHER 4-YEAR.	23,163	5,881	17,282	8,275	279	4,091	3,027	878	9,007	7,359	1,648
2-YEAR INSTITUTIONS . . .	32,845	9,755	23,090	6,107	1,105	3,013	842	1,147	16,983	15,690	1,293

TABLE 4.--ASSOCIATE DEGREES AND OTHER AWARDS, BY TYPE OF CURRICULUM, CURRICULUM CATEGORY AND DIVISION, TYPE OF AWARD, LENGTH OF CURRICULUM, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79--CONTINUED

CONTROL AND LEVEL OF INSTITUTION	ALL CURRICULUMS	ARTS AND SCIENCE OR GENERAL PROGRAMS	TOTAL	OCCUPATIONAL CURRICULUMS							
				SCIENCE- OR ENGINEERING-RELATED					NONSCIENCE- AND NON-ENGINEERING-RELATED		
				TOTAL	DATA PROCESSING 5100	HEALTH SERVICES 5200	MECHANICAL 5300	NATURAL SCIENCE 5400	TOTAL	BUSINESS AND COMMERCE 5000	PUBLIC SERVICE 5500
1	2	3	4	5	6	7	8	9	10	11	12
B. OTHER AWARDS FOR CURRICULUMS OF AT LEAST 2 YEARS BUT LESS THAN 4 YEARS											
ALL INSTITUTIONS	31,322	1,423	29,899	17,080	959	5,801	9,024	1,297	12,819	9,627	3,192
4-YEAR INSTITUTIONS . . .	8,990	392	8,598	3,657	56	1,958	1,844	259	4,941	3,569	1,372
UNIVERSITIES.	1,024	50	974	903	1	536	52	214	171	164	7
OTHER 4-YEAR.	7,966	342	7,624	2,854	55	922	1,832	45	4,770	3,405	1,365
2-YEAR INSTITUTIONS . . .	22,332	1,031	21,301	13,423	902	4,343	7,180	1,038	7,878	6,058	1,820
PUBLICLY CONTROLLED.	21,695	824	20,871	14,270	887	5,351	6,988	1,239	6,601	4,894	1,707
4-YEAR INSTITUTIONS . . .	2,502	71	2,431	1,646	33	1,112	270	231	785	679	106
UNIVERSITIES.	792	19	773	647	1	497	52	187	126	119	7
OTHER 4-YEAR.	1,710	52	1,658	999	32	735	218	44	659	560	99
2-YEAR INSTITUTIONS . . .	18,993	753	18,240	12,624	854	4,239	6,718	1,008	5,816	4,015	1,801
PRIVATELY CONTROLLED	9,627	599	9,228	2,810	271	440	2,036	63	6,418	4,933	1,485
4-YEAR INSTITUTIONS . . .	6,488	321	6,167	2,011	23	346	1,614	28	4,156	2,910	1,246
UNIVERSITIES.	232	31	201	156	-	129	-	27	45	45	-
OTHER 4-YEAR.	6,256	290	5,966	1,855	23	217	1,614	1	4,111	2,865	1,246
2-YEAR INSTITUTIONS . . .	3,339	278	3,061	799	248	94	422	35	2,262	2,023	239

TABLE 4.--ASSOCIATE DEGREES AND OTHER AWARDS, BY TYPE OF CURRICULUM, CURRICULUM CATEGORY AND DIVISION, TYPE OF AWARD, LENGTH OF CURRICULUM, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79--CONTINUED

CONTROL AND LEVEL OF INSTITUTION	ALL CURRICULUMS	ARTS AND SCIENCE OR GENERAL PROGRAMS	TOTAL	OCCUPATIONAL CURRICULUMS							
				SCIENCE- OR ENGINEERING-RELATED					NONSCIENCE- AND NON-ENGINEERING-RELATED		
				TOTAL	DATA PROCESSING 5100	HEALTH SERVICES 5200	MECHANICAL 5300	NATURAL SCIENCE 5400	TOTAL	BUSINESS AND COMMERCE 5000	PUBLIC SERVICE 5500
1	2	3	4	5	6	7	8	9	10	11	12
C. ALL AWARDS FOR CURRICULUMS OF AT LEAST 1 YEAR BUT LESS THAN 2 YEARS											
ALL INSTITUTIONS	76,578	2,502	74,076	49,708	1,621	21,814	21,373	4,900	24,368	21,047	3,321
4-YEAR INSTITUTIONS . . .	9,636	585	9,051	6,487	122	2,191	1,520	2,664	2,564	2,011	553
UNIVERSITIES.	3,737	23	3,714	3,017	17	319	42	2,639	697	315	382
OTHER 4-YEAR.	5,899	562	5,337	3,470	105	1,842	1,478	25	1,867	1,696	171
2-YEAR INSTITUTIONS . . .	66,942	1,917	65,025	43,221	1,499	19,633	19,853	2,236	21,804	19,036	2,768
PUBLICLY CONTROLLED. . . .	67,553	2,049	65,504	47,993	1,315	20,966	20,825	4,847	17,551	14,478	3,073
4-YEAR INSTITUTIONS . . .	7,287	352	6,935	5,544	96	1,789	1,004	2,961	1,391	1,037	354
UNIVERSITIES.	3,450	19	3,431	2,855	17	157	42	2,639	576	293	283
OTHER 4-YEAR.	3,837	333	3,504	2,689	79	1,626	962	22	815	747	68
2-YEAR INSTITUTIONS . . .	60,266	1,697	58,569	42,409	1,219	19,183	19,821	2,186	16,160	13,441	2,719
PRIVATELY CONTROLLED	9,025	453	8,572	1,755	306	848	548	53	6,817	6,569	248
4-YEAR INSTITUTIONS . . .	2,349	233	2,116	983	26	598	516	3	1,173	974	199
UNIVERSITIES.	287	4	283	162	-	162	-	-	121	25	96
OTHER 4-YEAR.	2,062	229	1,833	781	26	236	516	3	1,052	949	103
2-YEAR INSTITUTIONS . . .	6,676	220	6,456	812	280	450	32	50	5,644	5,595	49

TABLE 5.--ASSOCIATE DEGREES CONFERRED BY TYPE OF CREDIT, SEX OF STUDENT, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79

CONTROL AND LEVEL OF INSTITUTION	ALL ASSOCIATE DEGREES			WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE			WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE		
	TOTAL	MEN	WOMEN	TOTAL	MEN	WOMEN	TOTAL	MEN	WOMEN
1	2	3	4	5	6	7	8	9	10
ALL INSTITUTIONS	407,471	193,696	213,775	282,119	132,725	149,394	125,352	60,971	64,381
4-YEAR INSTITUTIONS	55,515	24,677	30,838	51,569	22,787	28,782	3,946	1,890	2,056
UNIVERSITIES	11,122	4,983	6,139	9,899	4,212	5,687	1,223	771	452
OTHER 4-YEAR	44,393	19,694	24,699	41,670	18,575	23,095	2,723	1,119	1,604
2-YEAR INSTITUTIONS	351,956	169,019	182,937	230,550	109,938	120,612	121,406	59,081	62,325
PUBLICLY CONTROLLED	349,297	167,828	181,469	232,340	110,450	121,890	116,957	57,378	59,579
4-YEAR INSTITUTIONS	30,186	12,503	17,683	27,339	10,970	16,369	2,847	1,533	1,314
UNIVERSITIES	8,956	4,001	4,955	7,733	3,230	4,503	1,223	771	452
OTHER 4-YEAR	21,230	8,502	12,728	19,606	7,740	11,866	1,624	762	862
2-YEAR INSTITUTIONS	319,111	155,325	163,786	205,001	99,480	105,521	114,110	55,845	58,265
PRIVATELY CONTROLLED	58,174	25,868	32,306	49,779	22,275	27,504	8,395	3,593	4,802
4-YEAR INSTITUTIONS	25,329	12,174	13,155	24,230	11,817	12,413	1,099	357	742
UNIVERSITIES	2,166	982	1,184	2,166	982	1,184	-	-	-
OTHER 4-YEAR	23,163	11,192	11,971	22,064	10,835	11,229	1,099	357	742
2-YEAR INSTITUTIONS	32,845	13,694	19,151	25,549	10,458	15,091	7,296	3,236	4,060

TABLE 8.--ASSOCIATE DEGREES AND OTHER AWARDS IN ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS, BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79

CONTROL AND LEVEL OF INSTITUTION	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	MEN	WOMEN
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL INSTITUTIONS	155,745	75,068	79,341	680	657	4,415	2,191	2,138	41	45	2,502	1,137	1,365
4-YEAR INSTITUTIONS	13,519	6,467	6,769	180	203	50	12	29	5	4	585	270	315
UNIVERSITIES	3,199	1,449	1,699	19	31	-	-	-	-	-	23	6	17
OTHER 4-YEAR	10,320	5,018	4,970	161	172	50	12	29	5	4	562	264	298
2-YEAR INSTITUTIONS	142,227	68,601	72,572	500	454	4,365	2,179	2,109	36	41	1,917	867	1,050
PUBLICLY CONTROLLED	138,962	67,809	70,385	425	343	4,250	2,158	2,036	30	26	2,049	875	1,174
4-YEAR INSTITUTIONS	6,645	3,442	3,132	33	38	8	3	5	-	-	352	137	215
UNIVERSITIES	2,444	1,133	1,292	8	11	-	-	-	-	-	19	6	13
OTHER 4-YEAR	4,201	2,309	1,840	25	27	8	3	5	-	-	333	131	202
2-YEAR INSTITUTIONS	132,317	64,367	67,253	392	305	4,242	2,155	2,031	30	26	1,697	738	959
PRIVATELY CONTROLLED	16,784	7,259	9,056	255	314	165	33	102	11	19	453	262	191
4-YEAR INSTITUTIONS	6,874	3,025	3,537	147	165	42	9	24	5	4	233	133	100
UNIVERSITIES	745	316	399	11	20	-	-	-	-	-	4	-	4
OTHER 4-YEAR	6,129	2,709	3,139	136	145	42	9	24	5	4	229	133	96
2-YEAR INSTITUTIONS	9,910	4,234	5,519	108	149	123	24	78	6	15	220	129	91

TABLE 7.--ASSOCIATE DEGREES AND OTHER AWARDS IN SCIENCE- OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79

CONTROL AND LEVEL OF INSTITUTION	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	MEN	WOMEN
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL INSTITUTIONS	69,336	27,891	33,615	1,387	1,443	79,463	32,632	32,601	9,357	4,893	49,708	25,659	24,049
4-YEAR INSTITUTIONS	28,370	9,173	13,135	421	641	9,272	1,454	1,223	1,831	764	6,487	1,913	2,5[illegible]
UNIVERSITIES	6,471	1,702	2,299	189	141	1,268	662	335	87	186	3,017	1,856	1,161
OTHER 4-YEAR	17,899	7,471	8,196	232	300	4,004	792	890	1,744	578	3,470	2,062	1,408
2-YEAR INSTITUTIONS	41,966	18,718	21,480	966	802	74,191	31,354	31,378	7,526	4,129	43,221	21,741	21,480
PUBLICLY CONTROLLED	51,403	22,160	27,008	962	1,273	74,388	31,341	31,217	7,642	4,39[illegible]	47,953	24,870	23,083
4-YEAR INSTITUTIONS	18,600	6,946	7,810	312	532	2,940	1,278	868	320	482	5,944	3,315	2,629
UNIVERSITIES	3,596	1,428	1,697	144	307	1,171	842	337	71	105	2,855	1,790	1,065
OTHER 4-YEAR	10,004	3,418	6,113	148	225	1,769	608	535	249	377	2,689	1,525	1,164
2-YEAR INSTITUTIONS	39,803	17,214	19,198	650	741	71,448	29,871	30,344	7,322	3,911	42,409	21,555	20,854
PRIVATELY CONTROLLED	12,933	5,731	6,607	425	170	5,075	1,471	1,384	1,715	500	1,755	789	966
4-YEAR INSTITUTIONS	8,770	4,227	4,375	109	109	2,332	184	355	1,511	282	943	503	340
UNIVERSITIES	875	274	542	25	34	97	-	-	18	81	162	66	96
OTHER 4-YEAR	7,895	3,953	3,793	84	75	2,225	184	355	1,493	201	781	537	244
2-YEAR INSTITUTIONS	4,163	1,504	2,232	316	61	2,743	1,287	1,034	204	218	812	186	626

TABLE 8.--ASSOCIATE DEGREES AND OTHER AWARDS IN NONSCIENCE- OR NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS BY LENGTH OF CURRICULUM, TYPE OF CREDIT, TYPE OF AWARD, SEX OF STUDENT, AND CONTROL AND LEVEL OF INSTITUTION: AGGREGATE UNITED STATES, 1978-79

CONTROL AND LEVEL OF INSTITUTION	CURRICULUMS OF AT LEAST 2 BUT LESS THAN 4 YEARS										CURRICULUMS OF AT LEAST 1 BUT LESS THAN 2 YEARS		
	WORK WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE					WORK NOT WHOLLY OR CHIEFLY CREDITABLE TOWARD A BACHELOR'S DEGREE							
	TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL	ASSOCIATE DEGREES		OTHER FORMAL RECOGNITION		TOTAL		
		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN	MEN	WOMEN		MEN	WOMEN
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL INSTITUTIONS	70,759	29,766	36,439	1,668	2,887	84,074	26,168	29,642	4,076	4,188	24,368	5,357	19,311
4-YEAR INSTITUTIONS	19,241	7,147	9,978	962	1,174	4,053	424	804	2,501	324	2,564	843	1,721
UNIVERSITIES	2,990	1,061	1,758	29	142	228	109	119	-	-	697	481	216
OTHER 4-YEAR	16,251	6,086	8,220	933	1,032	3,825	315	685	2,501	324	1,867	362	1,505
2-YEAR INSTITUTIONS	51,518	22,619	26,460	726	1,713	80,021	25,744	28,838	1,575	3,864	21,804	4,214	17,590
PUBLICLY CONTROLLED	47,120	20,481	24,497	723	1,419	54,669	24,079	26,331	1,484	2,775	17,551	4,555	12,996
4-YEAR INSTITUTIONS	8,722	2,582	5,427	158	555	773	260	461	6	66	1,391	541	850
UNIVERSITIES	2,309	669	1,514	21	105	228	109	119	-	-	576	388	188
OTHER 4-YEAR	6,413	1,913	3,913	137	450	545	151	322	6	66	815	153	662
2-YEAR INSTITUTIONS	38,398	17,899	19,070	565	864	53,896	23,819	25,870	1,478	2,709	16,160	4,014	12,146
PRIVATELY CONTROLLED	23,639	9,285	11,941	945	1,468	9,405	2,089	3,311	2,592	1,413	6,817	802	6,015
4-YEAR INSTITUTIONS	10,519	4,565	4,551	784	619	3,280	164	343	2,495	258	1,173	302	871
UNIVERSITIES	681	392	244	8	37	-	-	-	-	-	121	93	28
OTHER 4-YEAR	9,838	4,173	4,307	776	582	3,280	164	343	2,495	258	1,052	209	843
2-YEAR INSTITUTIONS	13,120	4,720	7,390	161	849	6,125	1,925	2,968	97	1,155	5,644	200	5,444

Appendix

Reproduction of Survey Form, Part C 1978-79 Instructions

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
EDUCATION DIVISION
WASHINGTON, D.C. 20202

HIGHER EDUCATION GENERAL INFORMATION SURVEY (HEGIS XIV)

DEGREES AND OTHER FORMAL AWARDS CONFERRED BETWEEN JULY 1, 1978 AND JUNE 30, 1979

(FOR 2 YEAR COLLEGES ONLY)

PLEASE READ INSTRUCTIONS BEFORE COMPLETING THIS FORM.

FEDAC NO. R. . . . 5
APPROVAL EXPIRES 4/80

1. INSTITUTION CODE NUMBER

2. **DUE DATE**
Not later than
October 15, 1979

NOTICE: This report is mandatory only for those institutions subject to the requirements of Title VI of the Civil Rights Act of 1964 and Title IX of the Education Amendments of 1972. For the other institutions, it is voluntary. See page 3 for further information.
Please supply all the identifying information requested on this page. When the survey form has been completed, please return it either directly to Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics, ATTN: Room 3073-HEGIS, 400 Maryland Avenue, SW., Washington, D.C. 20202, or to the HEGIS coordinator, if there is a HEGIS coordinator in your State.

3. NAME AND MAILING ADDRESS OF INSTITUTION OR CAMPUS COVERED BY THIS REPORT *(include city, State, and ZIP code)*

4. NAME AND TITLE OF RESPONDENT

5. TELEPHONE NUMBER OF RESPONDENT *(area code, local number, and extension)*

6. **PLEASE NOTE THAT EACH INSTITUTION, BRANCH, CAMPUS OR OTHER ENTITY SEPARATELY CERTIFIED BY THE DIVISION OF ELIGIBILITY AND AGENCY EVALUATION *(DEAE)* OF THE U.S. OFFICE OF EDUCATION, WITH IT'S OWN FICE CODE, AND LISTED SEPARATELY IN THE EDUCATION DIRECTORY, COLLEGES AND UNIVERSITIES, SHOULD BE REPORTED ON A SEPARATE SURVEY FORM AND NOT INCLUDED OR COMBINED WITH ANY OTHER SUCH CERTIFIED UNIT. BRANCHES, CAMPUSES, AND OTHER ORGANIZATIONAL ENTITIES NOT SEPARATELY CERTIFIED SHOULD BE INCLUDED WITH THE APPROPRIATE INSTITUTION OR BRANCH REPORT. IF SUCH ARE INCLUDED IN THIS REPORT, PLEASE LIST THEM BELOW.**

ARE DATA FOR THIS UNIT INCLUDED IN THIS REPORT?	NAME OF BRANCH AND/OR OTHER CAMPUS	ADDRESS *(city, State, and ZIP code)*
☐ YES ☐ NO		
☐ YES ☐ NO		
☐ YES ☐ NO		

7. IF THE EDUCATIONAL ORGANIZATION OR ENTITY COVERED BY THIS SURVEY REPORT IS PART OF A MULTI-CAMPUS INSTITUTION, OR PART OF A SYSTEM OF INSTITUTIONS, PLEASE ENTER THE NAME OF THE INSTITUTION OR SYSTEM BELOW. IF NOT APPLICABLE CHECK HERE → ☐

DEFINITIONS

MULTI-CAMPUS INSTITUTION. An organization bearing a resemblance to an institutional system, but unequivocally designated as a single institution with either of two organizational structures: (1) an institution having two or more campuses responsible to a central administration (which central administration may or may not be located on one of the administratively equal campuses) or (2) an institution having a main campus with one or more branch campuses attached to it.

MAIN CAMPUS. In those institutions comprised of a main campus and one or more branch campuses, the main campus (sometimes called the parent institution) is usually the location of the core, primary, or most comprehensive program. Unless the institution-wide or central administrative office for such institutions is reported to be at a different location, the main campus is also the location of the central administrative office.

BRANCH CAMPUS. A campus of an institution of higher education which is organized on a relatively permanent basis (i.e., has a relatively permanent administration), which offers an organized program or programs of work of at least 2 years (as opposed to courses), and which is located in a community different from that in which its parent institution is located. To be considered in a community different from that of the parent institution, a branch shall be located beyond a reasonable commuting distance from the main campus of the parent institution.

INSTITUTIONAL SYSTEM. A complex of two or more institutions of higher education, each separately organized or independently complete, under the control or supervision of a single administrative body.

CERTIFICATION

I CERTIFY that the information given in this report is correct and true to the best of my knowledge and was prepared in accordance with accompanying instructions. Wilfully false statements on this report are punishable by law, U.S. Code, Title 18, Section 1001.

NAME *(type or print)*	TITLE		DATE
SIGNATURE	TELEPHONE		
	AREA CODE	NUMBER	EXTENSION

NCES FORM 2300-2.18, 5/79 *(FM Control No. 59)*
PREVIOUS EDITIONS ARE OBSOLETE

CONTENTS

	Page
General Information	3
Mandatory versus Voluntary Reporting	3
Survey Coverage and General Instructions	4
Part C: Degrees and Other Awards Based On Less Than 4 Years	
Instructions	5
Section 1: Arts and Science or General Programs, not Organized as Occupational Curriculums	6
Section 2: Science- or Engineering-Related Organized Occupational Curriculums Data	
Data Processing Technologies	6– 7
Health Services and Paramedical Technologies	7– 9
Mechanical and Engineering Technologies	9–10
Natural Science Technologies	11
Section 3: Nonscience- and Nonengineering-Related Organized Occupational Curriculum	
Business and Commerce Technologies	12–13
Public Service Related Technologies	13–14
Grand Total	14

NOTE: The numbers in parentheses at the bottom right of each page show the number of each page as designated in the four-year college version, NCES FORM 2300-2.1A, 4/79 (FM Control No. 52).

GENERAL INFORMATION

IF YOUR INSTITUTION AWARDS ANY DEGREES AT THE BACHELOR'S OR HIGHER LEVEL:

(1) Check here: ☐

(2) Return this form with no further entries on it, and

(3) Request the correct form, containing all three parts *(A, B, and C)* from your State coordinator or from Mrs. Agnes Q. Wells, Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics, 400 Maryland Avenue, SW., Washington, D.C. 20202

This survey constitutes an integral part of the comprehensive nation-wide system of basic data on higher education -- the Higher Education General Information Survey (HEGIS) -- collected by NCES. As such it collects and reports basic data widely used by administrators, planners, researchers, and guidance counselors.

The two-year version has had only one addition since 1970-71. The racial/ethnic data also were included for the first time in 1975-76 at the request of the Office for Civil Rights. The form for 1978-79 is identical to that used for each year from 1975-76 to the present, except that last year the racial/ethnic data areas were lightly shaded to indicate that the racial/ethnic data are requested on an alternate year cycle, and were not collected on this form last year. The racial/ethnic data are being required on this form this year.

REDUCTION OF PAPERWORK BURDEN

HEGIS has reduced the paperwork burden on the respondents in higher education by providing ONE nation-wide system of basic data with standard terminology and definitions that ALL national, regional, State, and local agencies and associations can use, eliminating the necessity for each of them to collect this information. Recent legislation has increased the amount of data requested on this form; in order to reduce the burden on reporting institutions by eliminating the considerable duplication of effort that otherwise would have been required by reporting to two separate agencies, the racial/ethnic data required by the Office for Civil Rights (OCR) have been added to this form on alternate years, and are supplied to OCR by NCES.

MANDATORY VERSUS VOLUNTARY REPORTING

Mandatory Reporting. Title VI of the Civil Rights Act of 1964 requires that services and benefits provided by recipients of Federal financial assistance be offered without regard to race, color, or national origin. Title IX of the Education Amendments of 1972 requires that, with certain exceptions, the services and benefits of federally assisted educational programs and activities be offered without discrimination on the basis of sex. This report is one indicator utilized by the Office for Civil Rights (OCR) in carrying out its responsibilities to verify compliance with Title VI and Title IX.

This report is to be completed in its entirety by all institutions of higher education that receive, are applicants for, or expect to be applicants for Federal financial assistance as defined in the HEW Regulation implementing Title IX. If your institution does not fall into any of these categories, please inform us of this fact.

Section 80.6(b) of the Regulation implementing Title VI (a portion of which is set forth below) and similar provisions of the Title VI Regulations of other Federal agencies, authorize collection of this information.

"80.6 Compliance information

(b) Compliance reports

Each recipient shall keep such records and submit to the responsible Department official or his designee timely, complete and accurate compliance reports at such times, and in such form and containing such information, as the responsible Department official or his designee may determine to be necessary to enable him to ascertain whether the recipient has complied or is complying with this part."

Voluntary Reporting. Those institutions to which these regulations do not apply are not required to complete this questionnaire, which is authorized by law (P.L. 93-380). However, it is hoped that institutions not subject to the provisions of Title VI and Title IX will voluntarily complete all portions of the survey (or at least all except the racial/ethnic data portions) as they have done in the past. Doing so will enable the National Center for Education Statistics (NCES) to continue to publish complete data on earned degrees for the Nation, the States, and individual institutions.

RECORD KEEPING

As part of an order in the Adams vs. Califano litigation entered against the Department of Health, Education, and Welfare in December 1977, the Office of the Secretary of this Department must advise institutions receiving Federal financial assistance that they are required to keep copies of completed surveys on file and make them available to the public on request. (Order. December 29, 1977, K. 28. at p. 20-21).

It has been determined that the Degrees and Other Formal Awards Conferred Between July 1, 1978 and June 30, 1979 falls under the order's requirement for retention of copies and public release of data if requested. Other surveys that are part of the enclosed Higher Education General Information Survey (HEGIS) package are not subject to the above stipulations because they do not contain information required by the Office for Civil Rights.

NCES FORM 2300-2.1B, : /79 (FM control No. 59)

DEGREES AND OTHER FORMAL AWARDS CONFERRED BETWEEN JULY 1, 1978 AND JUNE 30, 1979
PART C: 2-YEAR COLLEGES ONLY

SURVEY COVERAGE

PART C is concerned with awards below the bachelor's level *(Associate degrees and other formal awards)*.

If you will identify the divisions in which your institution grants degrees by circling the appropirate page numbers in the contents on page 2, it will be helpful.

Classification of the major fields of study used in this survey has been presented in the following publication:

U.S. Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics, *A Taxonomy of Instructional Programs in Higher Education*. By Robert A. Huff and Marjorie O. Chandler, OE-50054-70. Washington: U.S. Government Printing Office 1970. Price $ .45.

NOTE: Listings of data for individual institutions are regularly included in published reports of this survey.

GENERAL INSTRUCTIONS

1. **INCLUSIVE DATES.** Report only those degrees *(including awards in Part C)* which were actually conferred between July 1, 1978, and June 30, 1979. Degrees and awards earned but not yet conferred during this time period should be reported in next year's survey.

2. **INSTITUTIONAL COVERAGE.** A separate report is requested from each branch or member of a system, as well as from each entirely independent institution and each "parent" institution. Please provide the information requested in item 6 on the cover page, which is intended to permit complete identification of the reporting unit. Do not include degrees conferred by branches of your institution located in foreign countries.

3. **CONSULTATION ON PROBLEMS.** If clarification of the definitions and instructions is needed, please consult the associate survey director, Mrs. Agnes Q. Wells, Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics, 400 Maryland Avenue, SW., Washington, D.C. 20202. Or you may reach Mrs. Wells by telephone (202) 245-8392, between 8:00 AM and 4:30 PM, EST or EDT.

4. **RETURNING FORMS.** Unless otherwise instructed by the coordinating agency in your State, completed forms should be addressed: Department of Health, Education, and Welfare, Education Division, National Center for Education Statistics, Attention: Room 3073–HEGIS, 400 Maryland Avenue, SW., Washington, D.C. 20202.

5. **MAJOR CHANGES.** If the number of degrees and awards you report in any area is significantly larger or smaller than the number you reported last year, it will be most helpful if you will include explanatory notes on the form or on an accompanying sheet of paper. If degrees and awards were conferred for the first time in 1978-79 in a discipline specialty new to your institution, please indicate by circling the "line number" in column 3. If your institution now awards degrees at a different level in a specialty in which you awarded degrees prior to 1978-79, please circle the cells in the appropriate degree field.

6. **RACIAL/ETHNIC DATA.** In part C, racial/ethnic summaries are requested for each discipline division. The definitions for these categories are:

Non-resident alien. A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely. Resident aliens, non-citizens who have been lawfully admitted for permanent residence *(and who hold a "green card" - Form I-151)*, are to be reported in the appropriate racial/ethnic categories along with United States citizens.

Non-resident aliens are to be reported separately, on the line, provided, rather than in any of the five racial/ethnic categories which follow.

Black, non-Hispanic. A person having origins in any of the black racial groups of Africa *(except those of Hispanic origin)*.

American Indian or Alaskan Native. A person having origins in any of the original peoples of North America and who maintain cultural identification through tribal affiliation or community recognition.

Asian or Pacific Islander. A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. This area includes, for example, China, Japan, Korea, the Philippine Islands, and Samoa.

Hispanic. A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

White, non-Hispanic. A person having origins in any of the original peoples of Europe, North Africa, or the Middle East *(except those of Hispanic origin)*.

Racial/ethnic designations as used in this survey do not denote scientific definitions of anthropological origins. For the purpose of this report, a student may be included in the group to which he or she appears to belong, identifies with, or is regarded in the community as belonging. However, no person may be counted in more than one racial/ethnic group.

The manner of collecting the racial/ethnic information is left to the discretion of the institution provided that the system which is established results in reasonably accurate data. One acceptable method is a properly controlled system of post-enrollment self-identification by students. If a self-identification method is utilized, a verification procedure to ascertain the completeness and accuracy of student submissions should also be employed where feasible. In order to provide reasonably accurate data, the institution may require students to complete a questionnarie and/or identify themselves by name or otherwise when providing information. The fact that the information is being gathered in compliance with Title VI of the Civl Rights Act of 1964 and Title IX of the Education Amendments of 1972 may be disseminated in the manner and to the extent that the institution deems appropriate.

7. **CHECKING.** This form is designed to simplify the checking to see that both the discipline specialties and the racial/ethnic categories add to the total for a division. By adding down the specialty lines and up the racial/ethnic lines, both should result in the same division totals. Please be sure that these additions are verified prior to returning the form. This will reduce the need for this office to ask for clarification later.

8. **PAGES FOR THIS FORM FOR TWO-YEAR COLLEGES ONLY.** This form is concerned only with Part C – degrees and other formal awards based on less than 4 years of work beyond high school; therefore, pages 6 – 10 which are concerned with Part A – first-professional degrees and pages 11 – 41 which are concerned with Part B – bachelor's, master's, and doctor's degrees, are not included in this form.

INSTRUCTIONS FOR PART C: DEGREES AND OTHER AWARDS BASED ON LESS THAN 4 YEARS

Part C consists of 3 sections, as follows:

Section 1: Arts and science or general programs, NOT organized as occupational curriculums

Section 2: Science-related or engineering-related organized occupational curriculums, subdivided by subject field designation

Section 3: Nonscience-related and nonengineering-related organized occupational curriculums, subdivided by subject field designation

Each student's curriculum is to be reported in the ONE section where it best fits. If a student has received both an associate degree and a certificate for the same 2-year curriculum, the completion is to be counted just once. A combination curriculum which includes both general courses and occupational courses should be reported in section 2 or 3 if it meets all the criteria of an organized occupational curriculum *(see below)*; otherwise it would be reported in section 1. In all sections, report whole curriculums only—not individual courses.

For purposes of this survey, an organized occupational curriculum is one which meets all four of the following criteria:

A. High school graduation or equivalent, but no work beyond high school, is required for admission to the curriculum.

B. The curriculum is a series of required and elective courses constituting an integrated program designed to prepare students for IMMEDIATE employment in a SPECIFIC occupation or cluster of occupations. A group of courses, even when all of them are in a given subject area, do not necessarily constitute an organized curriculum.

C. Completion of the curriculum requires at least one but less than four years of full-time attendance, or the equivalent in part-time attendance over a longer period. A "year" means an academic year of approximately nine months.

D. The curriculum leads to ANY type of formal recognition *(certificate, associate degree, diploma, a transcript recognizing successful completion, a statement of completion from an administrator of the institution, or other FORMAL recognition)* signifying that the student has completed an organized curriculum; or the State grants a license or other formal recognition, upon examination, to all graduates of the curriculum.

Note that, for purposes of this survey, organized occupational programs are NOT designed as the equivalent of the first one, two, or three years of a baccalaureate degree program.

Example: Pre-engineering is NOT an organized occupational curriculum as defined in this survey, because it is designed to prepare students for CONTINUATION in the regular engineering program for the bachelor's degree. If an associate degree was awarded for this program, it should be reported in Section 1, columns 4-5. If no associate degree was awarded, it should be excluded from this survey altogether.

Engineering technology IS an organized occupational curriculum, as defined in this survey, because it is designed to prepare students for immediate employment upon completion. It should be reported in Section 2.

Work taken in an organized occupational curriculum may or may not be wholly or chiefly creditable toward a bachelor's degree in your institution or by transfer to another institution. The columns on the survey form provide for the following distinctions in reporting completed programs of 2 or more years but less than 4 years:

Work wholly or chiefly creditable toward a bachelor's degree

- Associate degree
- Other formal recognition *(without associate degree)*

Work NOT wholly or chiefly creditable toward a bachelor's degree:

- Associate degree
- Other formal recognition *(without associate degree)*

Before submission of the survey form, please verify the accuracy of all column totals.

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